Computers in Victorian Government Schools \*

###### Results as at 28 February 2018

This brochure provides a ready reference for the latest statistics on computer use in government schools. It is re-issued when a later set of information becomes available.

## Computers in government schools – Victoria

### Summary information

State-wide average computer to student ratio†

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | **School Sector** | **2017** | **2018** | **Change** | | Primary | 1:1.36 | 1:1.29 | -5.78% | | Secondary | 1:0.91 | 1:0.92 | 1.36% | | **Statewide average** | **1:1.13** | **1:1.10** | **-2.17%** | |

Number of schools at or better than 1:1 computer to student ratio††

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | **School Sector** | **2017** | **2018** | **Change** | | Primary | 1:1.36 | 1:1.29 | -5.78% | | Secondary | 1:0.91 | 1:0.92 | 1.36% | | **Statewide average** | **1:1.13** | **1:1.10** | **-2.17%** | |

Percentage of schools at or better than 1:1 computer to student ratio

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | School Sector | **2017** | **2018** | **Change** | | Primary | 31.17% | 34.39% | 10.32% | | Secondary | 68.73% | 67.99% | -1.08% | | **All Sectors** | **39.12%** | **41.60%** | 6.32% | |

Number of schools included

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | School Sector | **2017** | **2018** | **Change** | | Number of schools (Primary) | 1,209 | 1,208 | -0.08% | | Number of schools (Secondary) | 327 | 332 | 1.53% | | **Total number of Schools** | **1,536** | **1,540** | 0.26% | |

Number of computers by category†††

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | **Computer Category** | **2017** | **2018** | **Change** | | Administration | 34,967 | 36,083 | 3.19% | | Curriculum | 535,856 | **561,415** | 4.77% | | Teacher and Principal Notebooks | 49,866 | 58,056 | 16.42% | | **Total Computers** | 620,689 | **655,554** | 5.62% | |

Source: DET February 2017 and 2018 Census of Computers in Schools.

**\*** The results for 2017 and 2018 presented in this report include both school/state funded and Bring Your Own (BYOD) computers.

† Minus % changes represent an improved result over the previous year.

†† 2018 ratios include 1529 schools with FTE students, 1**1** schools have no FTE enrolment **and** therefore no ratio.

††† Data for Teacher and Principal Notebooks (eduSTAR.NTP) is collected separately from the Census.

## Computer historical comparisons – Victorian Government Schools

### Average computer to student ratio

2009 3.1
2010 2.68
2011 2.17
2012 1.51
2013 1.39
2014 1.24
2015 1.21
2016 1.18
2017 1.13
2018 1.10


Source: 2009–2018 February Census of Computers in Schools.

### Average number of students per computer by school type

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *School Type* | *2009* | *2010* | *2011* | *2012* | *2013* | *2014* | *2015* | *2016* | *2017* | *2018* |
| Primary | 3.10 | 2.90 | 2.49 | 2.22 | 1.98 | 1.69 | 1.59 | 1.49 | 1.39 | 1.31 |
| Secondary | 3.21 | 2.53 | 1.88 | 1.04 | 0.98 | 0.89 | 0.89 | 0.90 | 0.87 | 0.89 |
| Pri/Sec | 2.92 | 2.35 | 1.93 | 1.36 | 1.32 | 1.19 | 1.22 | 1.15 | 1.11 | 1.10 |
| Special | 2.17 | 1.96 | 1.84 | 1.19 | 1.12 | 1.00 | 0.98 | 0.98 | 0.95 | 0.87 |
| Language | 0.00 | 1.88 | 1.47 | 1.10 | 0.99 | 1.43 | 1.24 | 1.20 | 1.27 | 1.17 |
| **Overall** | **3.10** | **2.68** | **2.17** | **1.51** | **1.39** | **1.24** | **1.21** | **1.18** | **1.13** | **1.10** |

Source: DET 2009–2018 Census of Computers in Schools.

### Average number of students per computer by school type and region

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *Region* | *Language* | *Pri/Sec* | *Primary* | *Secondary* | *Special* | *Average* |
| North Eastern | 1.59 | 0.96 | 1.32 | 0.85 | 0.95 | **1.08** |
| North Western | 2.68 | 1.13 | 1.29 | 0.92 | 0.85 | **1.12** |
| South Eastern | 1.13 | 1.54 | 1.44 | 0.91 | 0.89 | **1.18** |
| South Western | 0.72 | 1.08 | 1.17 | 0.87 | 0.83 | **1.03** |
| **State-wide 2018** | **1.17** | **1.10** | **1.31** | **0.89** | **0.87** | **1.10** |
| ***State-wide 2017*** | *1.27* | *1.11* | *1.39* | *0.87* | *0.95* | *1.13* |

Source: DET February 2018 student enrolment census and 2018 February Census of Computers in Schools.

### Number of student full time equivalent numbers by school type

|  |  |  |  |
| --- | --- | --- | --- |
| *School Type* | *2017* | *2018* | *Change* |
| Language | 1,633.0 | 1,746.0 | 6.92% |
| Pri/Sec | 49,558.3 | 52,618.7 | 6.18% |
| Primary | 335,723.6 | 344,140.8 | 2.51% |
| Secondary | 204,186.8 | 207,351.2 | 1.55% |
| Special | 12,693.3 | 12,990.1 | 2.34% |
| **Total enrolment** | **603,795.0** | **618,846.8** | 2.49% |

Source: DET February 2017 and 2018 Student Censuses.

### Number of curriculum computers by age and by school type

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *School Type* | *0 - 1 years* | *1 - 2 years* | *2 - 3 years* | *3 - 4 years* | *4 - 5 years* | *5 - 6 years* | *6 - 7 years* | *> 7 years* | *Total + BYO* |
| Camp | 93 | 2 | 48 | 2 | 4 | 1 | 1 | 1 | 152 |
| Primary | 52,249 | 48,389 | 51,470 | 31,419 | 30,935 | 21,850 | 12,633 | 13,916 | 262,861 |
| Secondary | 55,233 | 46,759 | 52,797 | 25,941 | 14,562 | 11,358 | 18,088 | 9,297 | 234,035 |
| Pri/Sec | 8,852 | 10,151 | 10,927 | 4,862 | 4,380 | 3,554 | 2,818 | 2,240 | 47,784 |
| Special | 3,331 | 2,030 | 1,364 | 2,019 | 2,267 | 1,344 | 1,839 | 899 | 15,093 |
| Language | 337 | 150 | 168 | 242 | 62 | 338 | 122 | 71 | 1,490 |
| **State-wide Total 2018** | **120,095** | **107,481** | **116,774** | **64,485** | **52,210** | **38,445** | **35,501** | **26,424** | **561,415** |
| *State-wide Total 2017* | *112,600* | *130,073* | *88,846* | *66,262* | *49,941* | *50,743* | *18,505* | *18,886* | *535,856* |

Source: DET February 2018 Census of Computers in Schools.

### Number of curriculum computers by age and by region

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Region* | *0 - 1 years* | *1 - 2 years* | *2 - 3 years* | *3 - 4 years* | *4 - 5 years* | *5 - 6 years* | *6 - 7 years* | *> 7 years* | *Total* |
| North-Eastern Victoria | 26,208 | 26,332 | 29,249 | 14,536 | 11,324 | 9,710 | 8,606 | 7,313 | 133,278 |
| North-Western Victoria | 27,104 | 20,243 | 23,647 | 17,031 | 10,736 | 8,602 | 7,206 | 7,455 | 122,024 |
| South-Eastern Victoria | 30,640 | 31,241 | 31,351 | 14,801 | 13,489 | 11,078 | 10,317 | 5,281 | 148,198 |
| South-Western Victoria | 36,143 | 29,665 | 32,527 | 18,117 | 16,661 | 9,055 | 9,372 | 6,375 | 157,915 |
| **State-wide Total 2018** | **120,095** | **107,481** | **116,774** | **64,485** | **52,210** | **38,445** | **35,501** | **26,424** | **561,415** |
| *State-wide Total 2017* | *112,600* | *130,073* | *88,846* | *66,262* | *49,941* | *50,743* | *18,505* | *18,886* | *535,856* |

Source: DET February 2018 Census of Computers in Schools.

### Age of curriculum computers statewide and by sector



Source: DET February 2018 Census of Computers in Schools.

### Number of curriculum computers by type



Source: 2009–2018 DET February Census of Computers in Schools.

Note: these results reflect student facing curriculum devices only and excludes curriculum servers.

### Curriculum computer fleet comparison statewide and by sector



Source: 2009–2018 DET February Census of Computers in Schools.

### Statewide curriculum computer fleet by ownership

|  |  |  |  |
| --- | --- | --- | --- |
| **Ownership** | **2017** | **2018** | **Change** |
| State / School/Co-contribution | 371,656 | 375,108 | 0.93% |
| BYOD | 164,200 | 186,307 | 13.46% |
| **Total** | **535,856** | **561,415** | 4.77% |

Source: 2017 and 2018 DET February Census of Computers in Schools.